1/12

MAAAASPAFLRLPLLLLLSSWCRTGLADPHSLCYDITVIPKIRPGPRWCAVQGQVDE
KTFLHYDCGSKRVTPVSPLGKKLNVTTAWKAQNPVLREVVDILTEQLLDIQLENYIP
KEPLTLQARMSCEQKAEGHGSGSWQPSFDGQIFLLFDSQNRMWTTTHPGPRKMKEKW
ENDKDMTMSFHYISMGDCTGWLEDFLMGMDSTLEPSAGAPPTMFSGTAQPRATATTL
ILCCLLIMCLLICSRHSLTQSHGHHPQSLQPPPHPPLLHPTWLLRRVLWSDSYQIAK
RPLSGGHVTRVTLPIIGDDSHSLPCPLALYTINNGAARYSEPLQVSIS

## Figure 1

MAAAASPAFLRLPLLLLLSSWCRTGLADPHSLCYDITVIPKIRPGPRWCAVQGQVDE KTFLHYDCGSKRVTPVSPLGKKLNVTTAWKAQNPVLREVVDILTEQLLDIQLENYIP KEPLTLQARMSCEQKAEGHGSGSWQPSFDGQIFLLFDSQNRMWTTTHPGPRKMKEKW ENDKDMTMSFHYISMGDCTGWLEDFLMGMDSTLEPSAGGTV

Figure 2

2/12

1 cctgcgagcc gccaggtgat ccacgggctg ggcttcgctt ctgctgtccc ctgcgatcca 61 actoccaat ggcagcggc gccagcccg cgttccttct acgcctcccg cttctgctcc 121 tgctgtccag ctggtgcagg accgggctgg ccgaccctca ctctctttgc tatgacatca 181 ccgtcatccc taagttcaga cctggaccac ggtggtgtgc ggttcaaggc caggtggatg 241 aaaagacttt tcttcactat gactgtggca gcaagacagt cacacccgtc agtcccctgg 301 ggaagaaact aaatgtcaca acggcctgga aagcacagaa cccagtactg agagaggtgg 361 tggacatact tacagagcaa ctgcttgaca ttcagctgga gaattacata cccaaggaac 421 ccctcaccct gcaggccagg atgtcttgtg agcagaaagc cgaaggacac ggcagtggat 481 cttggcagct cagtttcgat ggacagatct tcctcctctt tgactcagaa aacagaatgt 541 ggacaacggt tcatcctgga gccagaaaga tgaaagaaaa gtgggagaat gacaaggata 601 tgaccatgtc cttccattac atctcaatgg gagactgcac aggatggctt gaggacttct 661 tgatgggcat ggacagcacc ctggagccaa gtgcaggagc accacccacc atgtcctcag 721 gcacagccca acccagggcc acggccacca ccctcatcct ttgctgcctc ctcatcatgt 781 gtctcctcat atgctccagg cacagtctga cccaaagcca tggccaccac cctcagtccc 841 tgcagcctcc tcctcatcct ccctgcttc atcctacctg gctgctgaga agagtccttt 901 ggagtgacag ctaccaaata gcgaagcgcc ccttgtctgg tggacacgtg actcgcgtga 961 ctttacctat cattggagac gactcacact ccttaccctg ccctcttgcc ttgtatacaa 1021 taaataacgg cgcagccagg tattcggagc cactcaggtc tccatatctt gatggttccc 1141 aaa

Figure 3

3/12

1 atggcagegg cegecagece egegtteett ctaegectee egettetget eetgetgtee 61 agctggtgca ggaccgggct ggccgaccct cactctcttt gctatgacat caccgtcatc 121 cctaagttca gacctggacc acggtggtgt gcggttcaag gccaggtgga tgaaaagact 181 tttcttcact atgactgtgg cagcaagaca gtcacacccg tcagtcccct ggggaagaaa 241 ctaaatqtca caacqqcctq qaaagcacag aacccagtac tgagagaggt ggtggacata 301 cttacagage aactgettga catteagetg gagaattaca tacceaagga acceetcace 361 ctqcaqqcca ggatqtcttg tgagcagaaa gccgaaggac acggcagtgg atcttggcag 421 ctcagtttcg atggacagat cttcctcctc tttgactcag aaaacagaat gtggacaacg 481 qttcatcctq qaqccaqaaa qatqaaagaa aagtgggaga atgacaagga tatgaccatg 541 teetteeatt acateteaat qqqaqaetqe acaqqatqqe ttqaqqaett ettgatqqqe 601 atggacagca ccctggagcc aagtgcagga ggcacagtct gacccaaagc catggccacc 661 acceteagte cetgeageet cetecteate etcecetget teatectace tggetgetga 721 ggagagtcct ttggagtgac agctaccaaa tagcgaagcg ccccttgtct ggtggacacg 781 tgactcgcgt gactttacct atcattggag acgactcaca ctccttaccc tgccctcttg 841 ccttqtatac aataaataac ggcgcagcca ggtattcgga gccactacag gtctccatat 901 cttgatggtt ccctgggccc agctgtcttt tcttccgtc

Figure 4

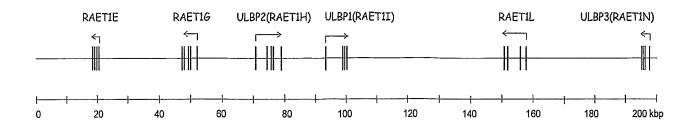


Figure 5

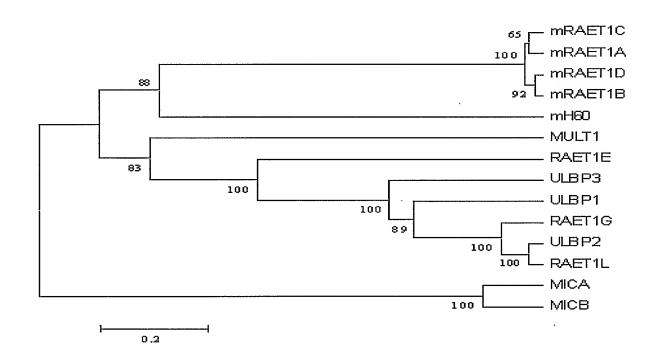
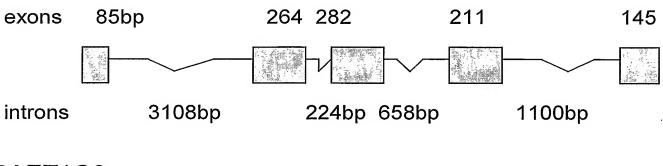


Figure 6

Raet1g ulbp2 Raet1e ulbp3 Raet1g	ELRLPLL-LLLSSWCRTGLADPHSLCYDITVIPKIRPGPRWCAVQGQVDEK 58 LLCLPLL-LLLSGWSRAGRADPHSLCYDITVIPKFRPGPRWCAVQGQVDEK 59 SPVRLLLFLLLLIALEIMVGGHSLCFNFTIKSLSRPGQPWCEAQVFLNKN 59 LPRLAILPYLLFDWSGTGRADAHSLWYNFTIHLPRHGQQWCEVQSQVDQK 60 KRVTPVSPLGKKLNVTTAWKAQNPVLREVVDILTEQLLDIQLENYIPKEPL 11
ulbp2 Raet1e ulbp3	KTVTPVSPLGKKLNVTTAWKAQNPVLREVVDILTEQLRDIQLENYTPKEPL 11 NMVKPLGLLGKKVNATSTWGELTQTLGEVGRDLRMLLCDIKPQIKTS-DPS 11 DKVLSMGHLEEQLYATDAWGKQLEMLREVGQRLRLELADTELEDFTPSGPL 12
Raet1g ulbp2 Raet1e ulbp3	TLQARMSCEQKAEGHGSGSWQPSFDGQIFLLFDSQNRMWTTTHPGPRKMKEKWENDKDMT 178  TLQARMSCEQKAEGHSSGSWQFSFDGQIFLLFDSEKRMWTTVHPGARKMKEKWENDKVVA 179  TLQVEMFCQHEAERCTGASWQFTINGEKSLLFDAMNMTWTVINHEASKIKETWKKDRGLE 178  TLQVRMSCECEADGYIRGSWQFSFDGRKFLLFDSNNRKWTVVHAGARRMKEKWEKDSGLT 180
[Raet1g a Raet1g ulbp2 Raet1e ulbp3	alternative splice ending SAGGTV ]  MSFHYISMGDCTGWLEDFLMGMDSTLEPSAGAPPTMFSGTAQPRATATTLILCCLLIMCL 238  MSFHYFSMGDCIGWLEDFLMGMDSTLEPSAGAPLAMSSGTTQLRATATTLILCCLLIIL- 238  KYFRKLSKGDCDHWLREFLGHWEAMPEPTVSPVNASDIHWSSSSLPDRWILLGAFILLVL 238  TFFKMVSMRDCKSWLRDFLMHRKKRLEPTAPPTMAPGLAQPKAIATTLSPWSFLIIL- 237
Raetlg ulbp2 Raetle	QSHGHHPQSLQPPPHPPLLHPTWL 2 WQNGEWQAGLWPLRTS2
ulbp3 Raet1q	CFILPGI

Figure 7

## RAET1G



## RAET1G2

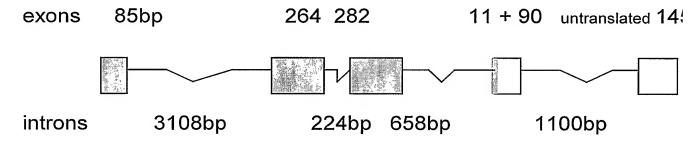


Figure 8

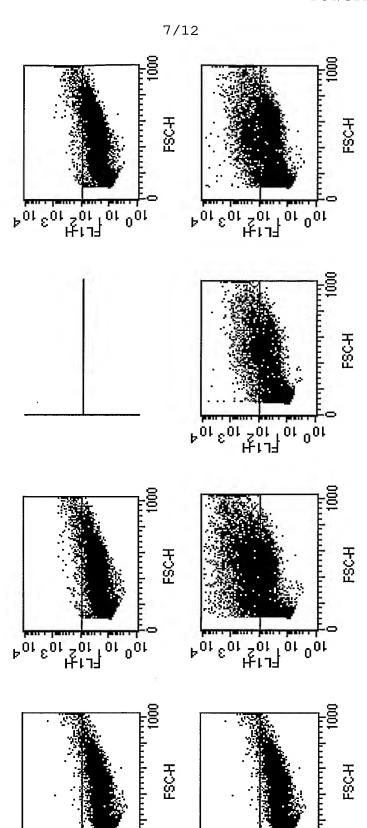
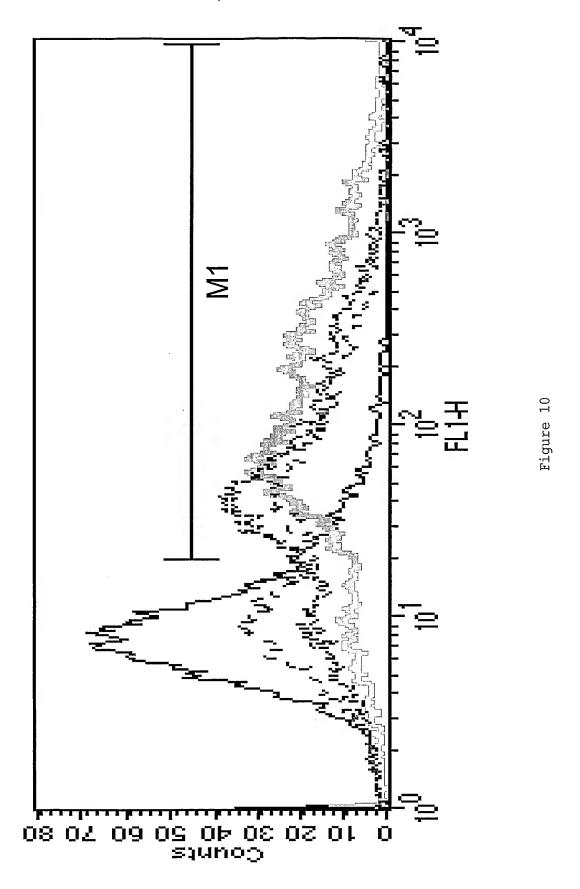


Figure 9

FL14 100 101 102 103 104 101 102 103 104



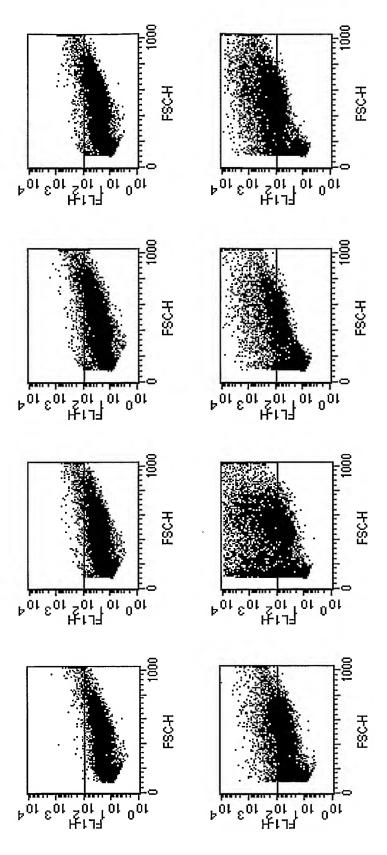


Figure 11

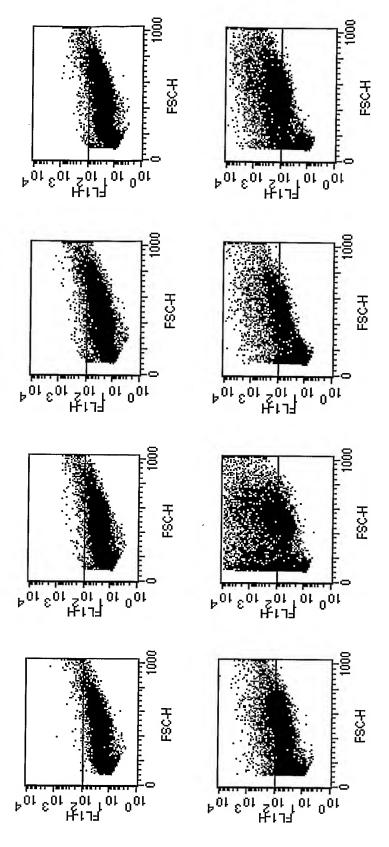
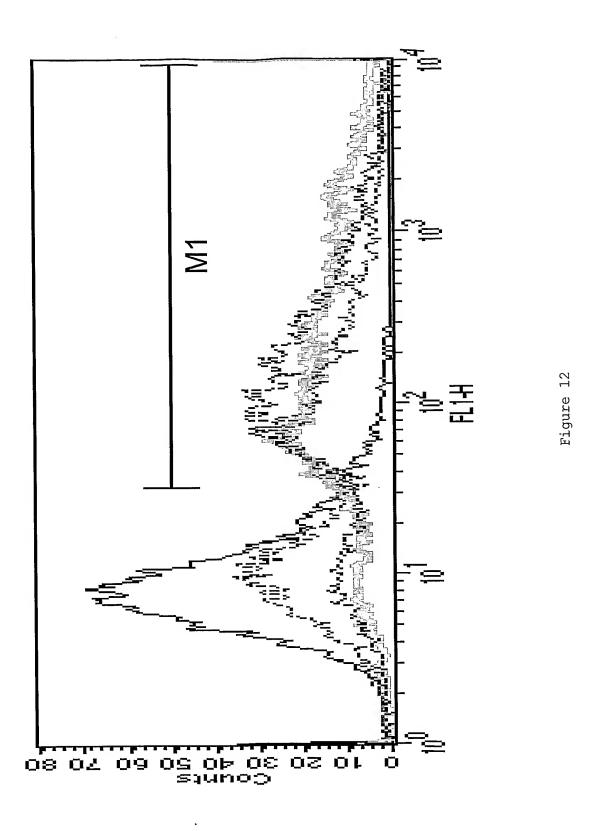
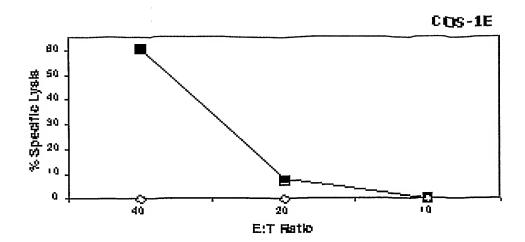
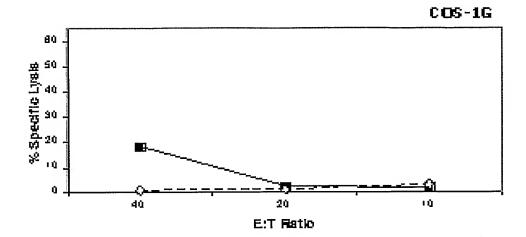


Figure 11







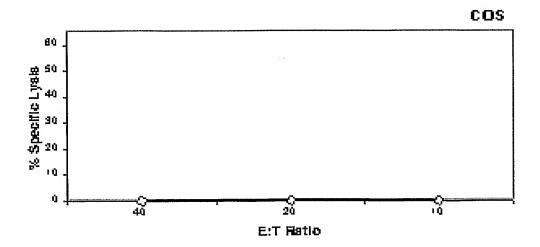


Figure 13

12/12

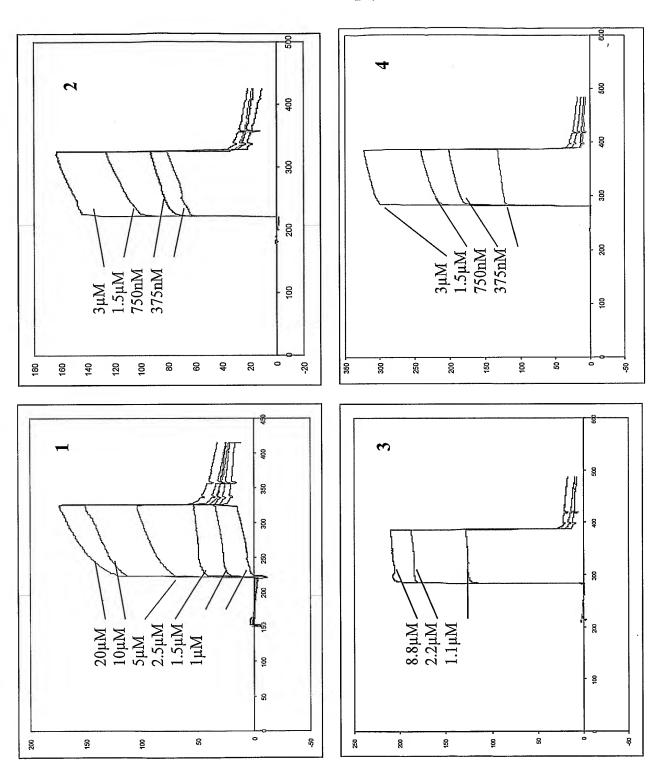


Figure 14